

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5000-OD1 (1969): Dimensions of Semiconductor Devices,
Device Outline OD1 [LITD 5: Semiconductor and Other
Electronic Components and Devices]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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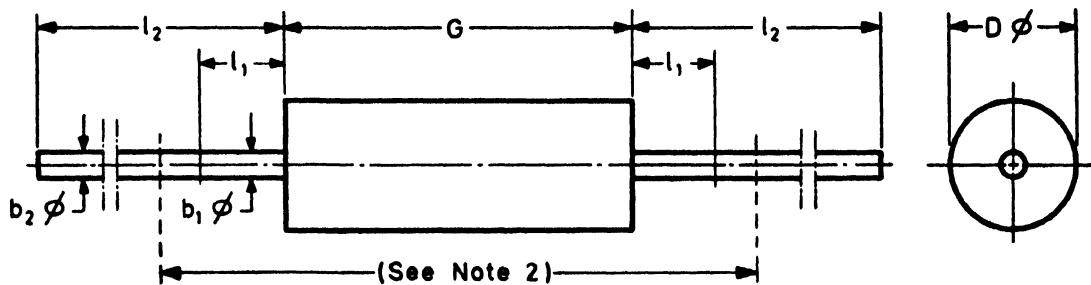


Indian Standard

DIMENSIONS OF SEMICONDUCTOR DEVICES
DEVICE OUTLINE OD1

(Incorporating Amendment No. 1)

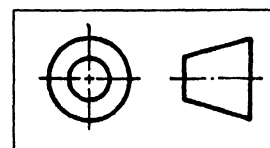
1. Dimensions — This drawing has been prepared in accordance with IS : 5001-1969 'Guide for preparation of drawings of semiconductor devices'.



Reference	Millimetres			Notes
	Min	Nom	Max	
b_1	—	—	—	1
b_2	0.458	—	0.558	—
G	—	—	7.62	—
l_1	—	—	2.5	1
l_2	26	—	—	—
Type A				
D	—	—	2.71	—
Type B				
D	—	—	3.17	—
Type C				
D	—	—	3.81	—

Note 1 — The terminal diameter b_1 is not controlled in this zone to allow for flash, lead finish, build-up and minor irregularities other than slugs.

Note 2 — The minimum axial length within which the device may be placed with the terminals bent at right angles is 16.0 mm.



Adopted 2 January 1969

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Price Group 1

BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

IS : 5000 (OD1) - 1969

2. Rules for Coding — *See 8.1 of IS : 5001-1969.*

3. Equivalent Designation Code Followed by Other Countries and Organizations

Country or Organization	Designation Code		
	Type A	Type B	Type C
India	OD1A	OD1B	OD1C
IEC	A1A	A1B	A1C
USA	DO-7	—	DO-14
France	DO-7/F2	F56	—
Netherlands	ND 7	—	—
Italy	DO-7	—	—
Germany	51 A 2	—	—
UK	SO-6	SO-7	SO-8
Japan	SC-1A	SC-1	—

EXPLANATORY NOTE

This edition 1.1 incorporates Amendment No. 1 (July 1977). Side bar indicates modification of the text as the result of incorporation of the amendment.